

ABSTRACT

- 5 Available quadrature amplitude modulation ("QAM") carriers transmittable by a base station to customer sites are substantially equally divided among the sites according to the expected quality of reception. ARQ transmissions from the sites are monitored as a measure of the quality of signals received by the sites. If the quality of received signals is unacceptable, the affected site is re-assigned to a higher quality QAM. In addition, if the quality of received signals is too high, the affected site is re-assigned to a lower quality QAM.

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